

Serial Number 09/495,597

PU020209

-7-

**REMARKS**

Claims 1-2, 4-6, 9-14 are pending.

Claim 3 is cancelled and is incorporated in Claim 1, as suggested by the Examiner.

Claims 7 and 8 are cancelled.

New Claim 9 specifies that the normalization step of the claimed method as being an adjustment of a translational or rotational parameter corresponding to the un-normalized bitmap. Additional elements of the claim are taken from Claim 1. Support for the new claim is found in the specification on page 6, lines 17-22, and in other places.

New Claim 10 specifies that the aspect ratio of an un-normalized bitmap is preserved when normalized. Support for this claim is found in the specification on page 8, line 21 to page 9, line 4, and in other places.

New Claims 11-14 are the same as dependent Claims 2, 4-6, respectively.

Applicants request a two-month extension from the January 6, 2004 date for which this response was originally due. Please charge the fee for this extension, and any other fees owned in connection with this action to Deposit Account 07-0832.

It is believed that, in view of the preceding amendments and remarks, this application is in condition for allowance. Accordingly, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the Applicants' attorney at (609) 734-6809, so that a mutually convenient date and time for a telephonic interview may be scheduled.

Respectfully submitted,



By: Joel M. Fogelson

Serial Number 09/495,597

PU020209

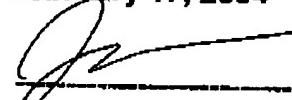
-8-

Reg. No. 43, 613  
Phone (609) 734-6809

Patent Operations  
Thomson Licensing Inc.  
P.O. Box 5312  
Princeton, New Jersey 08543-5312  
February 17, 2004

Certificate of Transmission under 37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted to the Hon.  
Commissioner for Patents at the telephone number (703) 872-9306 on  
February 17, 2004



Joel M. Fogelson

Serial Number 09/495,597

PU020209

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-1-

MAY 27 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**OFFICIAL**

Applicants: T. NAVEEN ET AL.

Serial No.: 09/495,597

Filed: FEBRUARY 1, 2000

For: NORMALIZED BITMAP REPRESENTATION OF VISUAL  
OBJECT'S SHAPE FOR SEARCH/QUERY/FILTERING APPLICATIONS

Examiner: A. CARTER

Art Unit: 2625

Summary of Interview with Examiner

**Commissioner of Patents**  
**Alexandria, Virginia 22313-1450**

Sir:

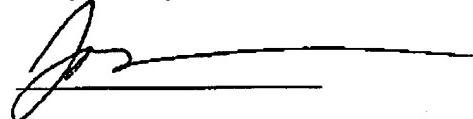
This communication serves a summary to the interview conducted with the Examiner on February 17, 2004. The Office Action response filed on February 17, 2004 incorporates the items discussed.

Applicants agreed with the Examiner to cancel Claim 3 and to incorporate the dependent claim into Claim 1.

Applicants also agreed to cancel Claims 7 and 8.

New Claims 9 to 14 were presented. The Examiner stated that the matter claimed in the new claims required a search by the Examiner.

Respectfully submitted,



Serial Number 09/495,597

PU020209

-2-

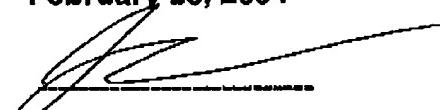
By: Joel M. Fogelson

Reg. No. 43, 613  
Phone (609) 734-6809

Patent Operations  
Thomson Licensing Inc.  
P.O. Box 5312  
Princeton, New Jersey 08543-5312  
February 23, 2004

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I hereby certify that this correspondence is being transmitted to the Hon.  
Commissioner for Patents at the telephone number (703) 872-9306 on  
February 23, 2004



Joel M. Fogelson



## UNITED STATES PATENT AND TRADEMARK OFFICE

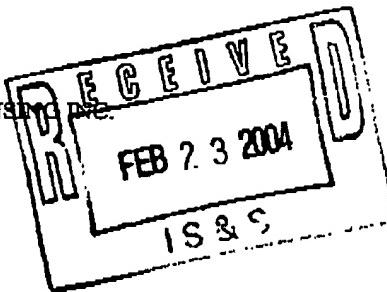
PU 020209  
JF

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/495,597	02/01/2000	Thumpudi Naveen		5071

7590 02/19/2004

Joseph S. Tripoli  
PATENT OPERATIONS  
THOMSON MULTIMEDIA LICENSING INC.  
PO BOX 5312  
PRINCETON, NJ 08543-5312



EXAMINER
CARTER, AARON W

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 02/19/2004

q

Please find below and/or attached an Office communication concerning this application or proceeding.

Event	REC. STAT. OF SUBS.
Deadline	15/03/04
Entered	23/02/04

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/495,597	NAVEEN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Aaron W Carter	2025	

All participants (applicant, applicant's representative, PTO personnel):

(1) Aaron W Carter. (3) \_\_\_\_\_.

(2) Joel Fogelson (Reg. No. 43,613). (4) \_\_\_\_\_.

Date of Interview: 17 February 2004.

Type: a) Telephonic b) Video Conference  
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1 and 9.

Identification of prior art discussed: \_\_\_\_\_.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant discussed proposed amendment, including changes to claim 1, cancellation of claims 3, 7 and 8 and addition of new claims 9-14. Amendments appear to place application in condition for allowance over prior art of record, though further reconsideration and updated search are required before an official decision can be made.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

### Summary of Record of Interview Requirements

**Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record**  
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

#### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner.  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

#### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

## Auto-Reply Facsimile Transmission



TO: Fax Sender at 609 734 6888

Fax Information

Date Received: 2/17/2004 11:55:50 AM [Eastern Standard Time]  
Total Pages: 9 (including cover page)

**ADVISORY:** This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received  
Cover  
Page

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FEB 17 2004 11:54 FR THOMSON MM LICENSING09 734 6888 TO 8,17038729314,53 P.08

Serial Number 09/495,597	PU020208
-1-	
<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>	
Applicant: T. NAVEEN ET AL.	
Serial No.: 09/495,597	
Filed: FEBRUARY 1, 2000	
For: NORMALIZED BITMAP REPRESENTATION OF VISUAL	
OBJECT'S SHAPE FOR SEARCH/QUERY/FILTERING APPLICATIONS	
Examiner: A. CARTER	
Art Unit: 2628	
<u>Response to Office Action</u>	
Hon. Assistant Commissioner for Patents	
Washington, D.C. 20231	
Sir:	
In response to the pending Office Action mailed on October 5, 2003, please	
amend the above-identified application and enter remarks as follows:	
Listing and Amendments to the Claims begin on page 2 of this paper.	
Remarks/Arguments begin on page 7 of this paper.	

PAGE 19 \* RCVD AT 212741M | 14530 AM [Eastern Standard Time] \* SVR:USPTO-EFIRF-1/2 \* DNR:8729314 \* CSID:609 734 6888 \* DURATION (mm:ss):04:06

PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 420.00)

## Complete if Known

Application Number	09/495,597
Filing Date	February 1, 2000
First Named Inventor	T. Naveen
Examiner Name	A. Carter
Art Unit	2625
Attorney Docket No.	PU020209

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number 07-0832  
Deposit Account Name Thomson Licensing Inc.,

The Director is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	
1051 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 365	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ 0)			420.00
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			
Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	- 3** =	X	
Large Entity		Small Entity	
Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 0)			
** or number previously paid, if greater. For Reissues, see above			
SUBMITTED BY			
Name (Print/Type)	(Complete if applicable)		
Signature	Joel Fogelson	Registration No. / Attorney/Agent	Telephone 609-734-6809
			Date February 17, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8189 and select option 2.